JE-3128



			Арр	licati	on Number	09/930,9	14	
			Filin	g Da	te	August 1	15, 2001	
TRANS	MITTAL FOR	M	Firs	t Nan	ned Inventor	Yoshihir	o Yamaguchi	
	rrespondence during pe ed application)	endency of	Gro	up Aı	t Unit Number	2128		
			Exa	mine	r Name	Fred O. I	erris, III	
Total Number of Page	es in This Submission	7	Atto	rney	Docket Number	22837-06	289	
	ENCLO	OSURES	(ch	neck	all that apply	<i>'</i> )		
Return Receipt II Response to No Assignment & R Declaration Power of Attorne Application Data Information Disc Copies Request for Corr Amendment/Res After II	Form (in duplicate)  ck Enclosed  Postcard  tice to File Missing Part ecordation Cover Shee  ey  Sheet closure Statement & PT s of IDS Cited Reference rected Filing Receipt rection of Recorded Ass sponse: Page(s)	o/SB/08A ces			Issue Fee Transr Letter to Chief Dr Formal Drawing(s [ ] Sheet(s	mittal raftsperson s): ) of Figure(s) ication to Bo ication to Gro Brief, Reply I	ard of Appeals and  oup  Brief)  ument(s)	
REMARKS:								
	SIGNAT	TURE OF	ATT	ORI	IEY OR AGEN	NT,		
Signature:		as	(	,	Shark	th	_	
Attorney/Reg. No.:	Albert C. Smith, Reg.	No. 20,355				Dated	146/05	_
		CERTIFICA	ATE	OF	MAILING			
first class mail in an enve If the Express Mail Mailin	orrespondence, including the elope addressed to: Comming Number is filled in below, to Addressee" service pur	he enclosures ssioner for Pat then this corre	identifi ents, F espond	ied ab P.O. B dence	ove, is being deposit ox 1450, Alexandria,	VA 22313-14	50 on the date shown b	
Signature:		a.			Smit	t		
Typed or Printed Nam	ne: Albert C. Smith					Dated	4605	
Express Mail Mailing	Number (optional):						, - ,	

APR 1 1 223

## FEE TRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$) 180

	Complete if Known	
Application Number	09/930,914	
Filing Date	August 15, 2001	
First Named Inventor	Yoshihiro Yamaguchi	
Examiner Name	Fred O. Ferris III	
Art Unit	2123	
Attorney Docket No.	22837-06289	

METHOD OF PAYME	NT (check all that apply)				F	EE CALCULATION (continued)	
Check Credit Card Deposit Account:	Money Order Other None	3. AE	DITION	AL FEE	s		
Deposit Account Number	19-2555	<u>Large</u>	Entity	Small	Entity	Fee Description	Fee Paid
Deposit Account Name	Fenwick & West LLP	Fee Code	Fee (\$)	Fee Code	Fee (\$)		
	prized to: (check all that apply)	1051	130	2051	65	Surcharge - late filing fee or oath or declaration	
Charge fee(s) indicated b	below 🛛 Credit any overpayments	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
	s) or any underpayment of fee(s) due	1053	130	1053	130	Non-English specification	
under 37 CFR §1.16 or § application	1.17 during the pendency of this	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
Charge fee(s) indicated t	below, except for the filing fee to	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
the above-identified depo	osit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
FEE CA	LCULATION	1251	120	2251	60	Extension for reply within first month	
1. BASIC FILING FEE		1252	450	2252	225	Extension for reply within second month	
Large Entity Small Entity		1253	1020	2253	510	Extension for reply within third month	
<u>Fee Fee Fee</u>	Fee Description Fee Paid	1254	1,590	2254	795	Extension for reply within fourth month	
Code (\$) Code (\$)		1255	2,160	2255	1,080	Extension for reply within fifth month	
	<u> </u>	1401	500	2401	250	Notice of Appeal	<u> </u>
	<del> </del>	1402 1403	500 1000	2402	250 500	Filing a brief in support of an appeal	<u> </u>
	<del>                                     </del>	1403	1,510	1451	1,510	Request for oral hearing  Petition to institute a public use proceeding	
	<del>   </del>	1452	500	2452	250	Petition to revive - unavoidable	
SUBTOT	(\$) .00	1452	1,500	2452	750	Petition to revive - unintentional	
	FOR UTILITY AND REISSUE	1501	1,400	2501	700	Utility issue fee (or reissue)	
	Claims Fee from Fee Poid	1502	800	2502	400	Design issue fee	
Total Claims -20**=	X below =	1503	1100	2503	550	Plant issue fee	
Independent 3**		1460	,,,,,	1460		Petitions to the Director	
Claims		1807	<del></del>	1807	50	Processing fee for Provisional Applications	
Large Entity Small Entity		1806	180	1806	180	Submission of Information Disclosure Stmt	180
Foo Foo Foo	Fee Description	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1202 50 2202 25	Claims in excess of 20	1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))	
1201 200 2201 100	Independent claims in excess of 3	1810	790	2810	395	For each additional invention to be examined (37 CFR 1.129(b))	
1203 360 2203 180	Multiple dependent claim, if not paid	1801	790	2801	395	Request for Continued Examination (RCE)	
1204 200 2204 100	**Reissue independent claims over original patent	1802	900	1802	900	Request for expedited examination of a design application	
1205 50 2205 25	**Reissue claims in excess of 20 and over original patent	Other	fee (specif	ý)			
SUBTOT	TAL (2) (\$) .00					SUBTOTAL (3) (\$) 180	
or number previously paid, if g	greater; For Reissues, see above	·Reduc	ed by Basi	c Filing F	ee Paid		

SUBMITTED BY				Complete (if applicable)
Name (Print/Type)	Albert C. Smith	Registration No. (Attorney/Agent)	20,355	Telephone (650) 335-7296
Signature	Q-0	in Smith	Date	4/6/05

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<b>APPI</b>	IC.	$\Delta N \Gamma$	Γ•

Yoshihiro Yamaguchi et al.,

APPLICATION NO.:

09/930,914

FILING DATE:

August 15, 2001

TITLE:

BLADE SHAPE DESIGNING METHOD, PROGRAM THEREOF

AND INFORMATION MEDIUM HAVING THE PROGRAM

RECORDED THEREON

**EXAMINER:** 

Fred O. Ferris III

GROUP ART UNIT:

2123

ATTY. DKT. NO.:

22837-06289

## **CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

Bv:

Albert C. Smith, Reg. No.: 20,355

MAIL STOP AMENDMENT COMMISSIONER FOR PATENTS P.O. BOX 1450 **ALEXANDRIA, VA 22313-1450** 

## INFORMATION DISCLOSURE STATEMENT Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

	within three months of the filing date of the application, or date of entry into
	the national stage of an international application, or before the mailing date of
	a first office action on the merits, whichever event last occurred;
$\neg$	before the mailing of a first official action after the filing of a request for

continued examination (RCE) under 37 CFR § 1.114;

04/11/2005 CCHRU1 00000026 09930914

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XI			on the filing date of this national application or the date of
			ational stage in an international application, or after the mailing
			est official action on the merits, whichever event last occurred, but
			ailing date of the first to occur of either: (1) a final action under
			13; or (2) an action that otherwise closes prosecution in the
		ation, a	
	$\boxtimes$		hed hereto is the fee set forth under 37 CFR §1.17(p) for
			nission of this Information Disclosure Statement under 37 CFR.§
	_	^	(c); OR
		Appl	icant certifies pursuant to 37 CFR § 1.97(e) that:
			each item of information contained in this Information
			Disclosure Statement was first cited in a communication from
			a foreign patent office in a counterpart foreign application not
			more than three months prior to the filing of this Statement;
			OR
			no item of information contained in this Information
			Disclosure Statement was cited in a communication from a
			foreign patent office in a counterpart foreign application and,
			to the knowledge of the person signing this certification after
			making reasonable inquiry, no item of information contained
			in this Statement was known to any individual designated
			under 37 CFR § 1.56(c) more than three months prior to the
			filing of this Statement;
	on or	before	the payment of the issue fee but after the mailing date of the first
	to occ	cur of e	ither: (1) a final action under 37 CFR § 1.113; (2) a notice of
	allow	ance ur	nder 37 CFR § 1.311; or (3) an action that otherwise closes
	prose	cution i	in the application, and:
		Appl	icant certifies pursuant to 37 CFR. § 1.97(e) that:
			each item of information contained in this Information
			Disclosure Statement was cited in a communication from a
			foreign patent office in a counterpart foreign application not
			more than three months prior to the filing of this Statement;
			no item of information contained in this Information
			Disclosure Statement was cited in a communication from a
			foreign patent office in a counterpart foreign application and,
			to the knowledge of the person signing this certification after
			making reasonable inquiry, no item of information contained

				in this Statement was known to any individual	designated
				under 37 CFR § 1.56(c) more than three month	ns prior to the
				filing of this Statement; AND	
				attached hereto is the fee set forth under 37 CFR §1.13	7(p) for
				submission of this Information Disclosure Statement	under 37 CFR.§
				1.97(c); OR	•
			after tl	he payment of the issue fee. Applicant requests that the	information
				ned in this Information Disclosure Statement be placed	
				ling to 37 CFR § 1.97(i), although the information may	
				lered by the USPTO.	
	$\boxtimes$	Enclos		copy of each listed reference that may be material to the	e examination of
				on, and for which there may be a duty to disclose.	, , , , , , , , , , , , , , , , , , , ,
		•	•	on relies, under 35 U.S.C. § 120, on the earlier filing da	ate of prior
				o, filed on, and the references cited the	_
				at are not required to be provided in this application und	
		1.98(d		it are not required to be provided in this application and	ici 37 Ci K ş
	П	` '		on was filed after June 30, 2003. Therefore, pursuant to	o the waiver of
	ш	-		ents under 37 CFR 1.98(a)(2)(i), copies of each U.S. Pat	
				pplication Publication are not required to be submitted.	
			•	documents and non-patent literature cited herein are er	•
	П	_	-	-	
				information contained in this Information Disclosure St	
				imunication from a foreign patent office in a counterpar	
				nunication was not received by any individual designate	ū
				than thirty days prior to the filing of this Information Di	sclosure
	_			7 CFR § 1.704(d).	
				mits that no fee is required for the consideration of this	Information
				atement.	
	Consid	leration	of the l	listed references and favorable action are solicited.	
				Respectfully submitted,	,
				YOSHIHIRO YAMAGUCHI ET AL.	
		1	1 _	- Bu Bich Smith	
Dated:		46	20/05	by:	
				Albert C. Smith, Reg. No.: 20,355	
				Fenwick & West LLP Silicon Valley Center	
				801 California Street	
				Mountain View, CA 94041	
				Tel.: (650) 335-7296	
				Fax.: (650) 938-5200	

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	Substitute for fo	orm 1449	A/PTO		Complete if Known
INEO		ם וחופי	CI OSLIDE	Application No.	09/930,914
	NFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	August 15, 2001	
SIA	ICIVICINIE	) į Ar	PLICANI	First Named Inventor	Yoshihiro Yamaguchi
				Art Unit	2123
				Examiner Name	Fred O. Ferris III
Sheet	1	of	1	Attorney Docket Number	22837-06289

U.S. PATENT DOCUMENTS					
		Document No.			
Examiner Initials*	Cite No.1	Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
		US-			

FOREIGN PATENT DOCUMENTS					
		Foreign Patent Document			
Examiner Initials*	Cite No.1	Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>

_		OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
	A	FONSECA, Carlos M., et al., "Genetic Algorithms for Multiobjective Optimization: Formulation, Discussion and Generalization", Proceedings of the Fifth International Conference on Genetic Algorithms, University of Illinois, July 17-21, 1993, pp.416-423	
	В	MICHALEWICZ, Zbigniew, "GAs: What are they?", Genetric Algorithms + Data Structures = Evolution Programs, Book excerpts at Chapters 1, 2; pp. 13-44	

Examiner Signature	Date Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

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<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.